

WHAT IS CLAIMED IS:

1. A coupling device for a portable terminal to couple a first member and a second member to be relatively slidable and horizontally rotatable in the portable terminal being provided with the first member having a keyboard unit section and the second member having a display unit section in respectively separate boxes thereof, said coupling device comprising:

a main body portion having a long guide hole to be attached to either one member of the first member and the second member in the longitudinal direction; and

a movable portion to be attached to the other member of the first member and the second member to make the other member rotatable horizontally at a predetermined sliding position.

2. The coupling device for the portable terminal according to claim 1, wherein, when said movable portion is slidably fitted into said main body, said main body comprises:

a case main body provided with a long guide groove; and

a lid portion provided with a long guided hole,

said movable portion comprises:

a head portion to be passed through said long guide hole; and

a guide leg portion to be fitted into said long guide groove, and

when said movable portion is rotatably fitted into the main body, a guide recess portion is provided next to said long guide groove for allowing the guide leg portion to rotate.

3. The coupling device for the portable terminal according to claim 2, further comprising:

bearings to be attached to said guide leg portion of said movable portion to allow a portion of the bearing into said long guide groove.

4. The coupling device for the portable terminal according to claim 2, further comprising:

a stopper wall provided in said guide recess portion to control rotation of said movable portion.

5 5. The coupling device for the portable terminal according to claim 1, further comprising:

an arresting means between said main body and said movable portion to stably halt the movable portion at a predetermined position,

10 wherein the arresting means is composed of a pair of arresting plates slidably biased in mutually opposite directions to sandwich a portion of said movable portion.

6. The coupling device for the portable terminal according to claim 1, wherein said case main body and said lid portion are allowed to sandwich said arresting plate therebetween in a slidably biased state in one direction and respective both side portions are engagedly fixed with an arresting member.

15 7. The coupling device for the portable terminal according to claim 1, wherein a means for relatively rotating said first member and said second member horizontally is provided between the member to which said movable portion is attached and the movable portion.

20 8. The coupling device for the portable terminal according to claim 1, wherein the arrest means for halting said movable portion at a predetermined position comprises a protruding portion attached to said movable member in a slidably biased state in one direction and a recess portion provided on said main body side to receive the protruding portion.